PART II - 100-H REACTOR AREA

107-H BURIED SLUDGE

Sludge and waste from the 107-H basin were buried in 1953. The trench is covered with five feet of soil to grade and is marked with nonstandard monuments.
(Drawing - Reference 1)

107-H RUPTURE EFFLUENT TRENCH

Trench was excavated in 1952 to dispose of coolant effluent containing rupture debris. Since about 1958, nc rupture effluent has been sent to this trench. The entire trench area is enclosed with a chain fence.
(Drawing - Reference 2)

BURIED CONTAMINATED PIPE

Several sections of 16-inch pipe used in 1953 as chutes for removal of thimbles from 105-H were buried and the two trenches covered with six feet of soil. The location is marked by nonstandard concrete monuments.
(Drawing - Reference 3)

1608-H TRENCH

This trench was excavated in 1953 to receive effluent during the Ball-3X outage and was subsequently backfilled to grade. The area is marked with nonstandard concrete monuments.
(Drawing - Reference 4)

BURIED THIMBLE FROM X-LEVEL

A thimble assembly from "B" hole 105-H was buried during 1953 in a trench and backfilled to grade. The trench location is marked with nonstandard cement monuments. The site is under the custody of Irradiation Testing Unit.
(Drawing - Reference 5)

105-H PLUTO CRIB

This crib was excavated in 1950 to dispose of effluent from tubes containing a ruptured fuel element. This facility was covered to grade with about 10 feet of soil during 1952. The area is marked by monuments.
(Drawing - Reference 6)

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Doc. No: HW-83710 — Rec'd from ASI files

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BALL-3X BURIAL GROUND

ch as VSR thimbles and guides, was removed from 105-H and buried in 53. The trench was covered to grade with about five feet of soil, was marked with monuments.
nce 7)

SOLID WASTE BURIAL GROUND

[illegible] ground was opened in 1949 and enlarged in 1955. There are three large [illegible] that have been backfilled to grade with six feet of soil and one open trench currently receiving miscellaneous waste. There are also a number of pits for disposal of process tubing and dummy elements. Portions of several horizontal control rods were buried in slit trenches with from two to four feet of soil cover. The entire burial ground is enclosed with a chain fence.
(Drawing - Reference 8)

H-1 LOOP BURIAL AREA

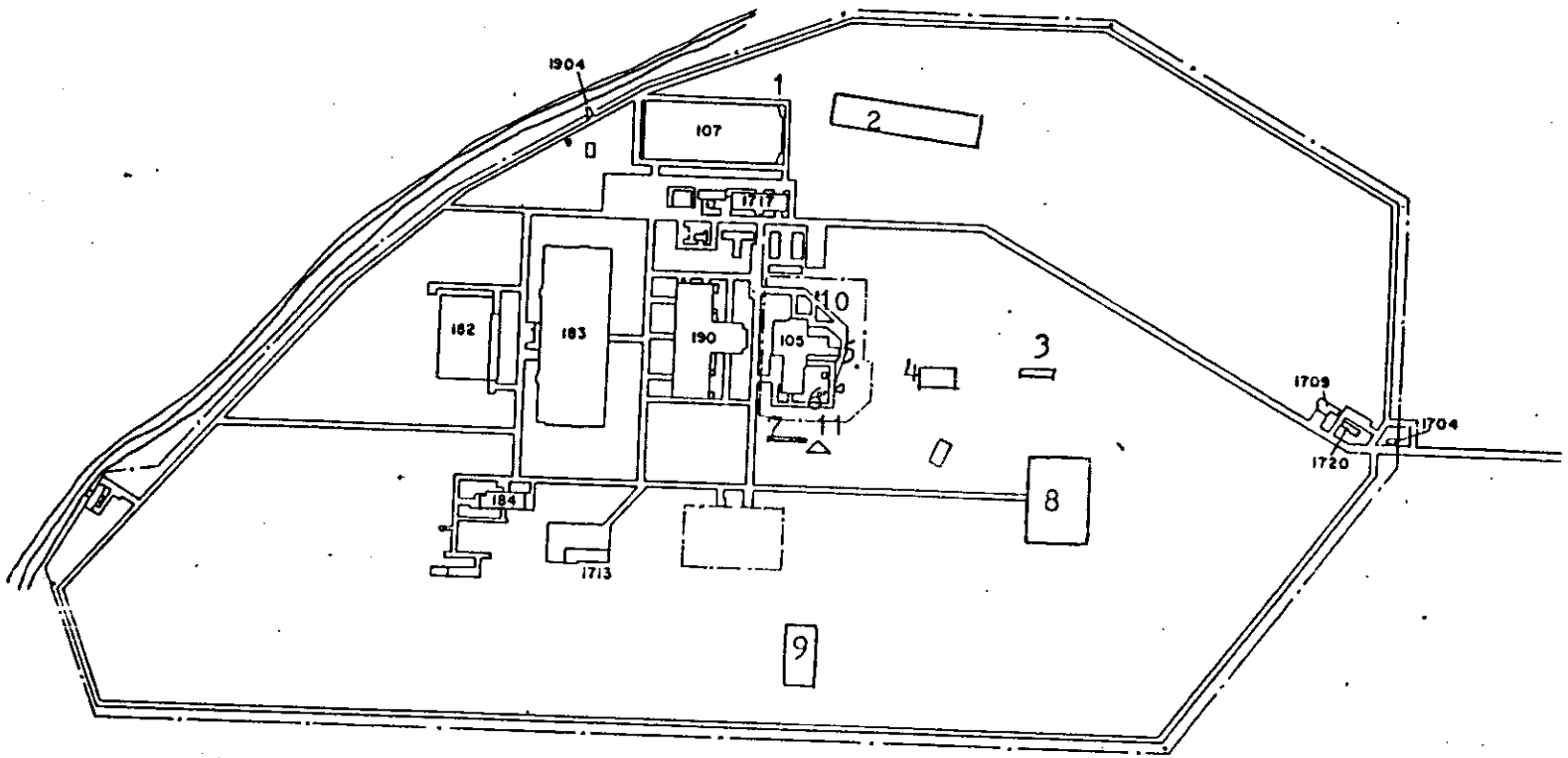
This burial area is under the custody of the Irradiation Testing Unit. Two concrete-lined vaults are located in a line. The east vault contains a stainless steel double tube removed from the reactor in 1955 after several years' irradiation. The west vault was constructed in 1958 to receive a smaller facility still in the reactor. Wit[illegible]he area, there are also some solutions used to clean up the tube and some mis[illegible]aneous capsule components. The area is marked with a chain fence.
(Drawing - Reference 9)

PERF DECONTAMINATION DRAIN

Spent nitric acid and water rinses from the perf decontamination facility on the 105-H wash pad are released to this French drain. The site is marked by the three-foot vitreous tile conduit at the ground surface.
(Drawing - Reference 10)

117-H CRIB

This crib was constructed in 1960 as part of the confinement system. Drainage from the filter seal would contain serious quantities of radioactive materials following some possible reactor accidents. To date, no significant drainage has been experienced at this site. The facility is identified by a vent pipe and four steel posts.
(Drawing - Reference 11)



100-H AREA

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SCALE IN FEET

-12-

HW-83710